CLAIMS

What is claimed is:

1. An outboard motor position responsive system comprising:

an ignition system;

an outboard motor position sensor in communication with the ignition system;

a microprocessor in communication with the outboard motor position sensor; and

an alarm in communication with the microprocessor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the alarm is activated by the microprocessor to warn the operator.

2. An outboard motor position responsive system comprising:

an ignition system;

a microprocessor in communication with the outboard motor and the ignition system; and

an alarm in communication with the microprocessor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the alarm is activated by the microprocessor to warn the operator.

3. An outboard motor position responsive system comprising:

an ignition system;

an outboard motor position sensor in communication with the ignition system;

a microprocessor in communication with the outboard motor position sensor; and

an ignition disabling switch in communication with the microprocessor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the ignition disabling switch is activated by the microprocessor to prevent the operator from starting the ignition system.

4. An outboard motor position responsive system comprising:

an ignition system;

a microprocessor in communication with the outboard motor and the ignition system; and

an ignition disabling switch in communication with the microprocessor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the ignition disabling switch is activated by the microprocessor to prevent the operator from starting the ignition system.

5. An outboard motor position responsive system comprising:

an ignition system;

an outboard motor position sensor in communication with the ignition system;

a microprocessor in communication with the outboard motor position sensor; and

a tilt circuit in communication with the microprocessor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the tilt circuit is activated by the microprocessor to automatically lower the outboard motor.

6. An outboard motor position responsive system comprising:

an ignition system;

a microprocessor in communication with the outboard motor and the ignition system; and

a tilt circuit in communication with the microprocessor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the tilt circuit is activated by the microprocessor to automatically lower the outboard motor.

7. An outboard motor position responsive system comprising:

an ignition system;

an outboard motor position sensor in communication with the ignition system; and

an alarm in communication with the outboard motor position sensor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the alarm is activated by the outboard motor position sensor to warn the operator.

8. An outboard motor position responsive system comprising:

an ignition system;

an outboard motor position sensor in communication with the ignition system; and

an ignition disabling switch in communication with the outboard motor position sensor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the ignition disabling switch is activated by the outboard motor position sensor to prevent the operator from starting the ignition system.

9. An outboard motor position responsive system comprising:

an ignition system;

an outboard motor position sensor in communication with the ignition system; and

a tilt circuit in communication with the outboard motor position sensor,

wherein when an operator attempts to start the ignition system when the outboard motor is tilted up beyond a maximum safe tilt position, the tilt circuit is activated by the outboard motor position sensor to automatically lower the outboard motor.